

# Users Manual

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## **Introduction**

Thank you for your purchase of our digital camera. This unit can be used as a web cam (camera to use to chat over the Internet) it can also be used as a low-resolution digital camera. This camera is equipped with a 16Mb built-in SDRAM, therefore you are able to use it to take up to 152 low-resolution photos under QCIF mode and high compression. Although the clarity may not be flawless, the Digital Camera quality is of the best for the price point.

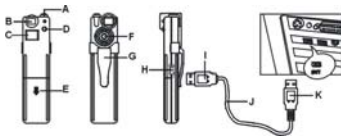
Please note that in order to speak with friends and colleagues over the Internet, you will need a PC headset and microphone. Any standard PC headset will operate with this digital camera and is available at your local computer retailer.

## **Package Contents:**

- Digital Camera
- User's Manual
- Software CD
- USB Connector Cable
- Base

## **To Know Digital Camera**

- A. Shutter button
- B. View finder
- C. LCD Display
- D. Select button
- E. Battery cover
- F. Lens
- G. Clip
- H. USB socket
- I. USB plug (A-TYPE)
- J. USB cable
- K. USB plug (A-TYPE)



## **Replacing the Batteries**

When the battery power is low press the shutter button and you will hear a beeping sound. The battery compartment is located at the lower part of the back of camera, and you must use two AAA batteries. If you want to replace the batteries, please make sure to download any photos that may be in the

memory of the camera, as they will be lost when the batteries are removed.

1. Open the battery compartment.
2. Load the batteries correctly (please check that the batteries are placed inside with the proper polarity).
3. Close the battery box cover.
  - If you do not use this camera for quite a long period, please take out of the batteries to avoid the discharging or corrosion of the batteries.
  - Please do not put the batteries into a fire to avoid explosion subsequent injury to you or others around you.

|                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|
| Do not mix old and new batteries. Do not mix alkaline, standard (carbon zinc), or rechargeable (nickel cadmium) batteries. |
|----------------------------------------------------------------------------------------------------------------------------|

### **Auto Energy-Save Mode**

In order to conserve battery power, if the camera is not used within 30 seconds after powering on, the camera will automatically enter into energy saving mode. This will prolong the life of the batteries. To wake up the camera from the energy saving mode, simply press the Select button.

**IMPORTANT NOTE: TO ACHIEVE THE BEST CLARITY,  
MAKE CERTAIN THAT THE DISTANCE  
BETWEEN THE CAMERA AND THE  
SUBJECT IS 5 FEET.**

### **Installation of CD-10 Software**

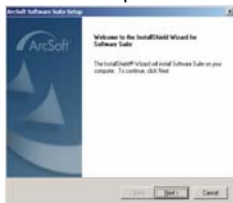
**IMPORTANT:** Before attempting to install the software, make sure that you do not have the camera or the USB cable attached to your computer. This will affect the install process and can cause a failed installation of the camera software and drivers.

### **SECTION ONE-INSTALLATION**

1. Insert the CD into your CD-Rom drive.
2. You will be promoted to select an installation language. You will select " English".



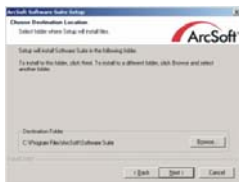
3. On "Welcome" screen please click the button for "next"



4. Please read and accept the end user license.



5. Let the ArcSoft installer create the folder for the program, and then click "next"



6. When asked to select the components to install, verify that: "PhotoMVP", "Creative Contents", and VideoMVP are all selected.



7. Let the ArcSoft installer create the Program directory for your start menu. Then click "next" to continue.



8. This will start the installation. Please do not click anything until it has finished.



9. Click "Finish" to let the ArcSoft installer finish the program.



10. This will automatically launch the Install shield for the “JL2005A Toy Camera”. Once the Program has finished installing you will have to restart your computer.



11. Congratulations!! You have successfully installed The ArcSoft software and the JL2005A Toy Camera. You are now ready to start taking and editing photos.

## **SECTION TWO – TAKING PHOTOS**

Please be sure that the batteries are functional prior to you using this camera to take digital photos. If you want to take photos:

1. Press the Select button to open the camera and the LCD at the back of the camera will activate. The LCD display will show the status of resolution for 3 seconds and then show the number of photos you can take before having to download them to your PC.
2. Find the image you would like to shoot and center the image in the viewfinder.
3. Hold the camera steadily, and press the shutter button to take photos (For optimum quality, please make sure the subject is 5 feet from the camera lens.)
4. When you hear the buzzer beep once, (which indicates that you have already taken a photo), you can continue taking other photos;
5. When the digital camera is at full capacity, the LCD display will show “0” photos you can take. Press the Shutter button once again and the buzzer will ring out

twice. You cannot take any photos at this time. Please download the photo to the PC. Alternatively, you can use the select button to select “” (to delete all of the photos in the cameras memory) or “” (to delete the last photo taken) in order to be able to continue using the camera.

**Note:** When taking photos, the louder sound indicates a successful photo shot and a low sounding beep will indicate the last photo taken was not taken properly.

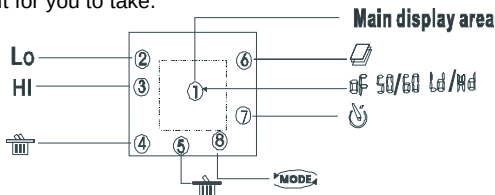
### Wake Up the Camera

If the digital camera is in the energy saving mode, please press Select button once to take the camera out of energy saving mode to use the camera.

### Functions Shown on the LCD Display

**Note:** When you open the camera, the LCD display will show the resolution status (Hi/Lo) for 3 seconds and then show out the rest of photos you may take.

**Note:** If you do not press any button within 5 seconds when selecting the functions by Select Button, the LCD display will jump back to the counter to advise you how many photos there are left for you to take.



Press the Select button to select the functions of the digital camera. The function diagram will show on the LCD display on the back of the digital camera. As follows:

-  – Power off the camera.
-  – Auto shoot
-  – Continuous shoot.

-  – Delete all photos in the memory
-  – Delete one photo
-  – Hi means CIF mode (100k pixels resolution).  
Lo means QCIF mode (25K pixels resolution).
- **“50” or “60”** – “50” or “60” to select the frequency of light used indoors. “50” means 50Hz and “60” means 60Hz.
- **“Hd” or “Ld”**– It is a photo compression ratio selection. “Hd” Means high compression and “Ld” means low compression. Higher compression ratio means you may store more photos.

### **Power Off the Camera**

Press the Select button to select the “ ” shown on the LCD display. Press the Shutter button within 5 seconds to power off the camera.

### **Auto-Shoot Mode**

1. Press the Select button to select “ ” shown on the LCD display.
2. Press the Shutter button within 5 seconds to activate the 10-second timer. The digital camera will beep once every second.
3. After 10 seconds, the camera will beep twice indicate that the photos has been taken.

### **Continuous Shoot Mode**

1. Press the Select button to select “ ” shown on the LCD display.
2. Press the Shutter button within 5 seconds to activate the continuous shooting mode and do not release the Shutter Button until you want to stop shooting. The camera will beep once for each photo taken till the Shutter button released or the memory is full.
3. Under the continuous shooting mode, the photos are taken continuously depends on the resolution which your origin selected and saved separately.
4. Under the continuous mode photo shooting, the shooting may fail due to poor lighting. If so the continuous shooting will stop.

**Note.** The photos taken by continuous mode will be saved as JPG format. You can edit it into AVI file , please follow section Four steps.

### **Delete All Photos**

Press the Select button to select the “” icon shown on the LCD display. Press the Shutter button the photo counter will flash. Press the Shutter Button again within 5 seconds will delete all the photos stored in the memory.

### **Delete Single Photo**

Press the Select button to select “” shown on the LCD display. Press the Shutter button once within 5 seconds to delete the last photos.

### **Photo Resolution Selection**

**Note:** The resolution status will always show on the LCD display in small character.

1. Press the Select button to select “” shown on the LCD display.
2. HI means CIF mode of 100K resolutions and LO means QCIF mode of 25K resolution.
3. When you select Mode function, the choice will show on the left of LCD display in small character. Press the Shutter Button to make change and the rest of photos you may take will change upon this change.

Trick: When you are in Hi resolution mode and you get into the resolution selection mode, the left of LCD display will show “Lo” in small character for you to select. If you do not press any button within 5 seconds, the LCD display will jump back to show present resolution status and the rest of the photos you may take.

### **Fluorescent Lamp Frequency Selection**

Press the Selection button to select “50” or “60” shown on the LCD display. When you move the icon from the LCD display, there is a big character shown 50 or 60 on the LCD display. If the LCD shows 50 means the present fluorescent lamp frequency is setting for 60Hz. Press the Shutter Button within 5 seconds to change the frequency to 50Hz. The LCD display will jump back to show the resolution status and the rest photos you

may take. If the LCD shows 60 means the present fluorescent lamp frequency is 50Hz. Press the Shutter Button within 5 seconds to change the frequency to 60 Hz.

**Note:** Normally, there is 60Hz fluorescent lamp frequency used in United States, Asia. And 50Hz used in Japan and Europe. If there is a wrong selection of frequency, the photo or video shoot will have line bending.

### **Photo Compression Selection**

There are "Hd" or "Ld" compression ratio selection for photos stored in the memory. Press the Selection button to select "Hd" or "Ld" shown on the LCD display. When you move the icon from the LCD display, there is a big character shown Hd or Ld on the LCD display. If the LCD shows Hd means the present compression is Ld. Press the Shutter button within 5 seconds to change to Hd. The LCD display will jump back to show the resolution status and the rest photos you may take. You will see the rest of photos will change if you make the selection. If the LCD shows Ld means the present compression is Hd. Press the Shutter Button within 5 seconds to change to Ld.

### **Photo Storage**

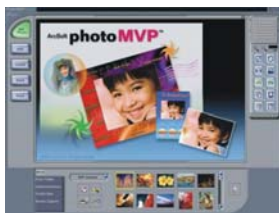
The photo can be taken will vary referring to the resolution and compression ratio. The LCD display will always show the status of resolution and the rest of photo you may take unless the Select Button is pressed. The highest storage of photos will be  
19 photos --- "Hi" resolution + "Ld" compression  
38 photos --- "Hi" resolution + "Hd" compression  
76 photos --- "Lo" resolution + "Ld" compression  
152 photos --- "Lo" resolution + "Hd" compression  
Press the Shutter Button to take one photo and the rest of photo show on the LCD display will reduce by one.

**Note:** The photos can be taken by the camera will vary upon the selection of resolution and compression. When the mode of resolution and compression is changed, the rest of photos will change. Please refer to the LCD display to find out how many photos you may take.

### SECTION THREE – DOWNLOADING PHOTOS

Now that you have taken photos the time has come to download them to your computer. Once you have downloaded them you will be able use the PhotoMVP program to edit and print photos.

1. Plug one end of the USB cable into the USB slot on your camera.
2. Plug the other end of the USB cable into a USB port on your computer.
3. Double-click the PhotoMVP icon that is on your desktop. This will launch the PhotoMVP program.



4. At the bottom of the screen you will see a menu bar that has 5 selections. You want to select the one labeled “camera/scanner”
5. This will automatically set your source to “JL2005A Toy Camera” and your album to “MVP Sample”. You will also see three icons. You will select the second icon, which has a scanner and a camera on it (labeled as “acquire” when you hold the mouse over it).
6. This will start the image acquisition, and will display the picture as a thumbnail in the photo holder.
7. To view in the large display screen just select the photo you want and click “ok”



## SECTION FOUR-CAPTURING AVI

Now that you have your camera installed you can use it to capture short movies called AVI files. The length of time you can record an AVI while the camera is connected to your computer will vary, depending on how much hard drive space you will use to save the file. Please take note that these AVI files take up a lot of hard drive space. This is done through the **Video MVP** program. This next section will walk you through capturing and playing an AVI file.

1. Open the **VideoMVP** from your desktop.



2. Click the icon for "new"



3. This will open the capture program screen. In order to capture a new video please click the button for "capture".



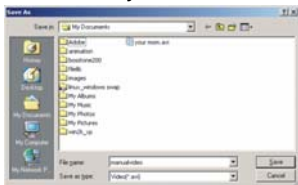
4. This will start the preview video screen. In order to start the capture you will have to click the Green button that looks like a green box with a red dot in it. The button will say "record" when you hover the mouse over it.



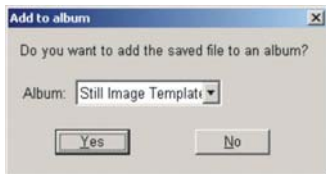
5. Hit the "pause button" in the program or "esc" on your keyboard to stop the capture.
6. You can either preview the video, or save once you have finished the capture. To play the video, just press the "play" button. To save it click the save icon that looks like a floppy disk.



7. You will have to name your video. You can also choose what folder you want the video to save in.



8. Once the video has been saved you can also save it in an easy access album that the program can access.
9. To download video(AVI) that you took on the Camera (using the multi-shot feature)you must plug the camera into the computer. Start Video MVP , Press the button for “new”. One the next screen you will see a button labeled “acquire” . Press this button and select your camera as the source. You can now download your video, name it and save it in any folder you like.

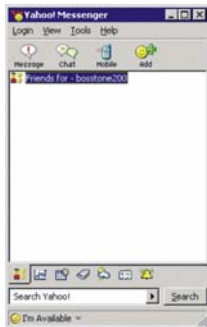


## SECTION FIVE – USING CAMERA AS A WEB CAM

You can use this camera as a web cam to chat with friends and family, sending live video feeds straight to them.

**NOTE:** In order to use this camera you must make sure that you have **YAHOO MESSENGER Ver 5.5 or later.**

1. Start Yahoo messenger.



2. Select the “tools” listing on the top of the toolbar. Go to the drop down menu and select the listing for “start my web cam”.



3. You will see a window appear with your video that you are playing. Now people who have your Yahoo login name will be able to **see** your video.

### **Taking Photos on the Go:**

## Specifications

Product Type: Digital Camera

Electronic Coupling Element: CMOS Sensor 100 K Pixels

Image Resolution: 352\*288 Pixels (CIF) 176\*144 Pixels (QCIF)

Memory Device: Built-in 1\*16Mb (SDRAM)

Memory Capacity: 19 pieces (CIF) (Hd) 76 pieces (QCIF)(Hd)  
38 pieces (CIF)(Ld) 152 pieces (QCIF)(Ld)

Viewfinder: Built-in

Shutter Speed: 1/6-1/15000 seconds

Shoot Mode: Single/ Continuous Photography/ Automatic

Shoot/PC Camera

Automatic Energy Saving: automatically enter the energy  
Saving mode in 30S

Image Process: Automatic Exposure / Automatic White Balance

Working Voltage: AAA 1.5\*2/USB 5V

Transmission Interface: USB Interface Revision 1.1

Working Temperature: 0-40°C

Operating System: Windows 98Edition II/2000/Me/XP

## Technical Support

For technical support issues please visit our website at [www.sakarhelp.com](http://www.sakarhelp.com). You can find manuals, software, drivers, and FAQ's at the website. Can't find what you are looking for? Fill out an online ticket and one of our technical support team members will answer your questions.

Or call 732-248-1306 or 732-476-5098 to access our technical support information on the phone. For question on warranty information please email [warranty@sakar.com](mailto:warranty@sakar.com).

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